BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 19.95 Lakhs

Name of Woradk:-Asphalting to cross roads and main roads in Someshwaranagara in ward no:04

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	2	3	4	5	6	7	8	9	10
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no 138, PWD SR 2014-15)	Cum							
	Removing silt in drains, 5th cross		2	175.00	0.50	0.40	70.00		
	2nd' B' Cross		2	70.00	0.50	0.40	28.00		
	Berm cutting &over burden earthcutting in road portions		2	175.00	1.20	0.25	105.00		
			2	70.00	1.50	0.20	42.00		
	Flagging coarse		2	175.00	0.30	0.20	21.00		
			2	70.00	0.20	0.20	5.60		
	Desilting of drain		2	185.00	0.50	0.40	74.60		
			2	130.00	0.45	0.40	46.80		
	Side Debries		5	8.00	2.15	0.75	64.50		
	Basic Rate	70.00					**457.50**	75.60	34587.00
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
2	Removing B.S slab of drain and	sqm							
	5th cross		2	175.00	1.65		577.50		
	2nd' B' Cross		2	70.00	1.65		231.00		
							808.50		
		Deduct 30%of Missing slabs qty					242.55		
							565.95	58.32	33006.20
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	**58.32**							
3	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm							
			Vide Item No. 1				565.95	75.60	42785.82
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do **7.5 cms** thick	sqm							
		30% of Missing slabs qty					242.55	639.36	155076.77
	Basic Rate	592.00							

	Area Weightage @ 8%	47.36							
	Total	**639.36**							
5	KSR13 4.1:6Providing and laying in position plain **cement concrete mix 1:2:4** with cement @240kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no 4.1,4.2 **(Page.12 & Item No. 4.6)**	Cum							
	Foundation for flagging course								
	Base concrete:- 5th cross		2	175.00	0.25	0.10	8.75		
	2nd' B' Cross		2	70.00	0.25	0.10	3.50		
			2	175.00	0.15	0.10	5.25		
			2	70.00	0.14	0.10	1.96		
	Coping concrete:- 5th cross		2	175.00	0.20	0.10	7.00		
	2nd' B' Cross		2	70.00	0.20	0.10	2.80		
			2	175.00	0.10	0.10	3.50		
			2	70.00	0.10	0.10	1.40		
	CC Road		1	35.00	4.00	0.15	21.00		
	Basic Rate	4933.00					**55.16**	**5327.64**	**293872.62**
	Area Weightage @ 8%	394.64							
	Total	**5327.64**							
6	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sqm							
	5th cross		2	175.00		0.20	70.00		
	2nd' B' Cross		2	70.00		0.20	28.00		
	Basic Rate	920.00					**98.00**	**993.60**	**97372.80**
	Area Weightage @ 8%	73.60							
	Total	**993.60**							

7	KSRB 5-15: Providing and constructing Non load bearing wall with cement concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.28)	Sqm							
	5th cross		2	175.00		0.20	70.00		
	2nd' B' Cross		2	70.00		0.20	28.00		
	Basic Rate	671.00					**98.00**	724.68	**71018.64**
	Area Weightage @ 8%	53.68							
	Total	**724.68**							
8	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
	5th cross		2	175.00	0.90		315.00		
	2nd' B' Cross		2	70.00	0.90		126.00		
							441.00		
			75% of quantity				**330.75**	**1498.00**	**495463.50**
9	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 It 20.18)	**Cum**							
	5th cross		2	175.00	0.75	0.10	26.25		
	Road cut portions		4	5.50	0.80	0.20	3.52		
	Pot holes		7	1.80	1.55	0.13	2.54		
	Depression filling		21	7.90	2.80	0.15	69.68		
	Basic Rate	1332.00					**101.99**	**1438.56**	**146718.73**
	Area Weightage 8%	106.56							
	Total	1438.56							

10	KSRRB M500-6,Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of .60kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEMNO21.6,Page no157,PWD SR 2014-15)	Sqm							
	5th cross		1	175.00	6.00		1050.00		
	Road cut portions		4	5.50	0.80		17.60		
	Pot holes		7	1.80	1.55		19.52		
	Depression filling		21	7.90	2.80		464.51		
	Basic Rate	32.60					**1551.63**	**35.21**	**54632.54**
	Area Weightage @ 8%	2.61							
	Total	**35.21**							
11	KSRRB M500-18.Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler, transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment, rollingwithsmoothwheeled,vibratoryandtand emrollers to achievethe desired compactionasperMORTHSpecificationclaus eno508completeinallrespectscompleteaspers pecifications.using100120THcapacity H.M.P with sensor paver gradingI(35-40mm) with 4.5% CRMB55grade(Itemno21.21.1,Pageno16 D 2014-15)	**Sqm**							
	5th cross		1	175.00	6.00	0.040	42.00		
	Road cut portions		4	5.50	0.80	0.025	0.44		
	Pot holes		7	1.80	1.55	0.025	0.49		
	Bad reaches portion		18	7.75	2.80	0.025	9.76		
	Basic rate	9440.00					**52.68**	**10195.20**	537083.14
	Add 8% AW	755.20							
	Total	**10195.20**							
12	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/ sand/ kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2014-15)	Cum							
	Basic Rate	63.00	Vide Item No. 1				457.50	68.04	31128.30
	Area Weightage @ 8%	5.04							
		68.04							

13	Miscellaneous charges	L/S							2299.00
								Total RS	1995000.00

(Rupees ninteen lakhs ninety five lakhs only)

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2014-15
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 19.95 lakh
Ninteen lakhs ninty
five thousand only
is accorded under head P-1771
2014-15
Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No. CE/Yel/AA/64/14-15 Dt. 27/10/14

AE/JE TA CE(YNK)

TECHNICALLY SANCTIONED FOR Rs. 19.95 lakh
Rupees Ninteen lakhs ninty five thousand only
Under P-1771
2014-15
Registered as CE ( ) No. .....
Subject to conditions contained in
enclosed memo CE ( ) No. .....
Dt. .....
CE/YNK/TS/911/14-15 Estimate/ Sanctioned No. .....
Dated 28/10/14 Rs. 19.95 lakh

Executive Engineer